CLAIMS

What is claimed is:

1. A mobile lamp comprising:

a first lighting arrangement which has a first light emitting diode element (20) and a first image producing device (32) associated with it for the focusing or expanding of a first light beam (36) emitted by the first light emitting diode element (20) or has a plurality of first light emitting diode elements (20) and first image producing devices (32) respectively associated with them for the focusing or expanding of first light beams (36) emitted by the first light emitting diode elements (20);

a second lighting arrangement which has a second light emitting diode element (22) and a second image producing device (34) associated with it to change the focusing or expanding of a second light beam (40) emitted by the second light emitting diode element (22) or has a plurality of second light emitting diode elements (22) and second image producing devices (34) respectively associated with them for the focusing or expanding of second light beams (40) emitted in each case by the second light emitting diode elements (40), with the second light beam (40) or the second light beams (40) being focused more tightly than the first light beam (36) or the first light beams (36); and

a switching device (24, 30) by means of which the light emitting diode element (20, 22) or the light emitting diode elements (20, 22) of one of the lighting arrangements can be switched on and off separately from the light emitting diode element (20, 22) or the light emitting diode element (20, 22) of the other lighting arrangement.

2. A mobile lamp in accordance with claim 1, characterized in that one of the two lighting arrangements has at least three light emitting diode elements (22) and image producing devices (34) associated with them; and in that the light emitting diode elements (22) are arranged such that they surround the light emitting diode element (20) or the light emitting diode elements (20) of the other lighting arrangement in a plane in which the light emitting diode elements (22) of the one lighting arrangement are arranged.

3. A mobile lamp in accordance with claim 2, characterized in that the light emitting diode elements (22) of the one lighting arrangement, which surround the light emitting diode element (20) or the light emitting diode elements (20) of the other lighting arrangement, are arranged substantially along a circle or along an ellipse.

4. A mobile lamp in accordance with claim 1, characterized in that the light emitting diode elements (20, 22) and the image producing devices (32, 34) of at least one of the lighting arrangements associated with them are made such that the light beams (36, 40) emitted by the lighting arrangement are substantially focused equally tightly.

5. A mobile lamp in accordance with claim 1, characterized in that at least one image producing device of the first and/or second lighting arrangements includes a lens (32, 34) which is preferably arranged spaced apart from the respective light emitting diode element (20, 22)

6. A mobile lamp in accordance with claim 1, characterized in that the image producing devices (32, 34) of the two lighting arrangements are made in one piece in one component (16).

7. A mobile lamp in accordance with claim 1, characterized in that the first and the second lighting arrangements each have the same total radiation directions (G_1, G_2).

8. A mobile lamp in accordance with claim 1, characterized in that the main radiation directions of the light emitting diode elements (20, 22) and/or the optical axes (38, 42) of the image producing devices (32, 34) of the first and/or second lighting arrangements extend inclined at first and/or second acute inclination angles to a total radiation direction (G_1, G_2) of the respective lighting arrangement.

9. A mobile lamp in accordance with claim 8, characterized in that the inclination angles inside at least one of the lighting arrangements are of equal size.

10. A mobile lamp in accordance with claim 8, characterized in that the second inclination angles are smaller than the first inclination angles.

11. A mobile lamp in accordance with claim 1, characterized in that the first and second light beams (36, 40) overlap at a pre-determined distance from the lighting arrangements at least partly within a circle with a diameter from 0.5 m to 2 m, preferably of approximately 1 m.

12. A mobile lamp in accordance with claim 1, characterized in that, the light emitting diode elements (20, 22) are made for the emission of substantially white light.

13. A mobile lamp in accordance with claim 1, characterized in that the lamp is formed as a vehicle lamp, in particular as a bicycle lamp.

14. A mobile lamp in accordance with claim 1, characterized in that the lamp is made as a hand lamp or as a flashlight.

15. A mobile lamp in accordance with claim 1, characterized in that the lamp is made as a head lamp.